

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>JXP-PB60925</b>	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. <b>PCT/EP2004/007820</b>	International filing date (day/month/year) <b>09/07/2004</b>	(Earliest) Priority Date (day/month/year) <b>11/07/2003</b>
Applicant  <b>GLAXO GROUP LIMITED</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

**4. With regard to the title,**

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

**SPECIFIC GLUCOCORTICOSTEROID COMPOUND HAVING ANTI-INFLAMMATORY ACTIVITY**

**5. With regard to the abstract,**

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

**6. With regards to the drawings,**

- a. the figure of the drawings to be published with the abstract is Figure No. \_\_\_\_\_

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/007820

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
IPC 7 C07J3/00 A61K31/56 A61P5/44		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols)		
IPC 7 C07J A61K		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)		
EPO-Internal, WPI Data, CHEM ABS Data		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/00679 A (NOVARTIS ERFIND VERWALT GMBH ; NOVARTIS AG (CH); BEATTIE DAVID (GB); C) 3 January 2002 (2002-01-03) page 9, paragraphs 3,4 claim 1	1-8
A	GB 1 514 476 A (GLAXO LAB LTD) 14 June 1978 (1978-06-14) claim 1	1-9
A	US 3 856 828 A (PHILLIPPS G ET AL) 24 December 1974 (1974-12-24) column 1, lines 1-5 claim 1	1-9
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *A* document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
22 September 2004		30/09/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer  Samsam Bakhtiary, M

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International Application No  
PCT/EP2004/007820

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>UENO H ET AL: "Synthesis and evaluation of antiinflammatory activities of a series of corticosteroid 17.alpha.-esters containing a functional group" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 34, no. 8, 1 August 1991 (1991-08-01), pages 2468-2473, XP002086576 ISSN: 0022-2623 abstract page 2470; table II compound 131</p> <p>-----</p>	1-9

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/007820

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0200679	A	03-01-2002	AU 8389101 A	08-01-2002
			BR 0112068 A	01-04-2003
			CA 2412541 A1	03-01-2002
			CN 1439018 T	27-08-2003
			CZ 20024203 A3	16-04-2003
			WO 0200679 A2	03-01-2002
			EP 1299409 A2	09-04-2003
			HU 0300783 A2	28-07-2003
			JP 2004501930 T	22-01-2004
			NO 20026253 A	18-02-2003
			SK 18132002 A3	05-08-2003
			US 2003158163 A1	21-08-2003
			ZA 200300202 A	15-10-2003
GB 1514476	A	14-06-1978	AU 8440475 A	03-03-1977
			BE 832889 A1	01-03-1976
			CH 612686 A5	15-08-1979
			DE 2538595 A1	11-03-1976
			DK 389175 A ,B,	01-03-1976
			FR 2282899 A1	26-03-1976
			IE 41663 B1	27-02-1980
			JP 51048649 A	26-04-1976
			NL 7510226 A	02-03-1976
			SE 405976 B	15-01-1979
			SE 7509651 A	01-03-1976
			US 4093721 A	06-06-1978
			ZA 7505553 A	29-09-1976
US 3856828	A	24-12-1974	GB 1438940 A	09-06-1976
			AU 473714 B2	01-07-1976
			AU 5825273 A	23-01-1975
			BE 802481 A4	18-01-1974
			CA 1034565 A1	11-07-1978
			CH 619968 A5	31-10-1980
			DE 2336633 A1	31-01-1974
			DK 133158 B	29-03-1976
			ES 417012 A2	16-04-1976
			FR 2192840 A2	15-02-1974
			IE 37925 B1	09-11-1977
			IL 42779 A	29-04-1977
			JP 1163743 C	26-08-1983
			JP 49080058 A	02-08-1974
			JP 57050800 B	28-10-1982
			LU 68039 A1	26-09-1973
			NL 7309992 A	22-01-1974
			PH 14795 A	09-12-1981
			SE 396079 B	05-09-1977
			ZA 7304896 A	24-12-1974

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